

Inside the May 2009 Alaska Occupational Table

How to Find Occupations

There are over 500 occupations represented in this occupational table. Occupations presented are grouped together by occupational cluster and by educational description (experience, education, on-the-job training, or experience required to do the work). Five indexes are provided at the end of the table to allow searching for occupations by: occupational title (page 115), occupational cluster (page 126), educational requirements (page 137), average wage (page 148), and by employment outlook (page 159).

Occupational Cluster

Occupations are grouped together in clusters of related occupations.

Educational Description

Within the occupational clusters, occupations are grouped according to the education usually required.

Architecture and Engineering Occupations

Considerable Preparation Needed

A minimum of two to four years of work-related skill, knowledge, or experience is needed for these occupations. Most of these occupations require a four - year bachelor's degree, but some do not. Employees in these occupations usually need several years of work-related experience, on-the-job training, and/or vocational training. Many of these occupations involve coordinating, supervising, managing, or training others.

Engineers, Mechanical (17-2141)

Mechanical Engineers perform engineering duties in planning and designing tools, engines, machines, and other mechanically functioning equipment. Oversee installation, operation, maintenance, and repair of such equipment as centralized heat, gas, water, and steam systems.

State Occupational Licensing may be required for this occupation. Information on occupational licensing can be found at the following web site:

<http://labor.alaska.gov/research/dlo/dlo.htm>

Alaska Average Monthly Wage: \$7,606

National Average Monthly Wage: \$6,516

2006 Employment: 244

Employment growth is strong with moderate employment opportunities projected through 2016.

Occupational Description contains a title and a brief description of duties.

Occupational Licensing may be required by the State of Alaska or local government agencies. If licensing is required, the URL for an informative website will be provided below the occupational description.

Average Monthly Wage from May 2008 is provided for Alaska and the United States when available.

Employment is the estimated number of people employed in the occupation. Employment information is not available for all occupations.

Job Outlook Designations are based on projected Alaska employment changes and job opportunities for the period 2006-2016. Refer to *Appendix E* for more information about these data.